

DEPARTMENT OF CONSUMER AFFAIRS AND BUSINESS REGULATION

DIVISION OF STANDARDS

2009 ANNUAL REPORT

THE STANDARD FOR **FAIRNESS** IN THE MARKETPLACE



DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

GREGORY BIALECKI
SECRETARY OF HOUSING
AND ECONOMIC
DEVELOPEMENT

BARBARA ANTHONY
UNDERSECRETARY OF
CONSUMER AFFAIRS
AND BUSINESS
REGULATION

CHARLES H. CARROLL
DEPUTY DIRECTOR
DIVISION OF STANDARDS

DEPARTMENT OF CONSUMER AFFAIRS AND BUSINESS REGULATION

DIVISION OF STANDARDS

2009 ANNUAL REPORT (FOR WORK COMPLETED IN 2008)

\$32 Million in Consumer and Merchant Savings

A Message from the Division:

The primary mission of the Division of Standards is to provide uniformity in the marketplace by enforcing standard accuracy requirements for commercial devices used in the weighing or measuring of any item sold by weight, measure or count.

The Division of Standards is proud to issue its 2009 annual report for work completed in calendar year 2008. According to annual reports filed by local jurisdictions and through the committed efforts of the Division and its local weights and measures partners, Massachusetts individual and corporate consumers saved more than **\$32 million** dollars in 2008.

Every day, state and local weights and measures officials ensure that in every city and town in the Commonwealth, the devices that weigh our food products, measure our fuel, and scan our purchases are properly calibrated ensuring accuracy in these transactions. Uniformity in the marketplace underlies each of the more than 100,000 inspections that occur annually. The nearly 96,000 commercial weighing and measuring devices throughout the Commonwealth must be tested against a uniform set of standard weights and measures under the direction of and within the purview of the Division. Field standards utilized by weights and measures officials in certifying commercial devices must meet the exact same accuracy standards when compared with the state standards. All field test standards are required to be compared with and certified by the State Metrology lab where they are issued certificates indicating traceability to national standards. The process ensures uniformity not only throughout Massachusetts but throughout the country. . Uniform standard test requirements ensure constancy which allows businesses to compete on a fair and equal basis. As a result, consumers are assured of receiving full value in their purchases. The Division is committed to training and certifying all weights and measures officials in our cities and towns to ensure that Massachusetts consumers receive full measure and fair value for the cost of their purchases.

During this past year due to the historical increases in fuel prices the Division placed special emphasis monitoring motor fuel and fuel oil transactions across the state. The Division continues to survey the marketplace and inspect devices to ensure that the devices used in these transactions have been tested as required and that security seals affixed by weights and measures officials have not be tampered with potentially compromising device accuracy.

In addition, Division's compliance officers have been inspecting required signage, testing posted octane values and issuing civil citations for any violations.

The Department of Consumer Affairs and Business Regulation's Division of Standards is the best kept secret in state government. Through the work its compliance officers perform daily, Massachusetts' consumers are assured that the goods offered in the marketplace meet a uniform set of standards and that we all receive fair value on our purchases. The 2009 annual report documents that value.

Agency Profile:

The Division is responsible for enforcing the accuracy requirements and other standards relating to weighing and measuring devices and the use thereof in the sale of food, fuels and other products. DOS regulates the sale of gasoline and sets standards for lubricating oils and antifreeze, including the inspection of all fuel dispensing equipment for required markings pertaining to grade and brand. The Division also tests and approves coin operated devices, licenses auctioneers, transient vendors, peddlers, motor fuel and oil retailers and registers auto damage repair shops. In addition the Division enforces the item pricing law and the unit pricing regulations and oversees grants for enforcing item pricing requirements and scanner accuracy in retail stores.

In addition to our statutory requirement to annually test and certify all weighing and measuring devices used commercially in towns with a population less than 5,000, the Division tests and inspects price scanners in retail stores for accuracy. Price verification, item pricing inspections and training of local officials are our ongoing annual priorities. The Division administers grants awarded to local agencies for the purpose of enforcing scanner and item pricing accuracy in retail stores. During 2008 the item pricing scanner accuracy grants were awarded insuring the inspection of scanning systems and item pricing compliance in food stores.

The Division is required to administer the annual testing and certifying of all commercial weighing and measuring devices. Devices tested included:

- Small and large capacity scales
- Weights
- Motor fuel dispensers
- Vehicle tank meters used in the sale of liquid fuels
- Propane meters
- Milk tanks
- Coin operated amusement devices
- Reverse vending machines used for recycling soft drink containers
- Price scanning systems

The Division also inspects pre-packaged food and non-food products to ensure that the net quantity is accurate and that minor variations are within acceptable legal metrology parameters.

The Division issued more than 10,000 licenses to auctioneers, hawkers and peddlers, transient vendors, motor fuel & oil dealers, and auto damage repair shops.

Division of Standards

Consumer / Merchant Savings Report 2008



Type of Device	Saving to Consumer	Saving to Merchant
Gasoline Meters (State)	\$ 637,534	\$ 1,601,163
Vehicle Tank (Oil) (State)	\$ 217,999	\$ 43,850
Vehicle Tank (Propane)(State)	\$ 100,528	\$ 62,379
Total State (Only)	\$ 956,061	\$ 1,707,392
Total Municipal 2008	\$ 17,588,347	\$ 11,722,279
Total State & Municipal	\$ 18,544,408	\$ 13,429,233

2008 Accomplishments:

- Issued **10,652** licenses that produced **\$1.5** million in license fees.
- Tested and certified, as required, **12,921** commercial weighing and measuring devices in **108** towns under 5,000 in population and an additional **56** towns now under contract.
- Conducted over **22,000** inspections, which included scales, motor fuel dispensers including price signs, fuel oil deliveries, and pre-packaged commodities.
- Conducted **3,160** store inspections pertaining to item pricing and price verification, which resulted in **\$826,250** in civil penalties for various pricing violations.
- Issued **146** civil citations for various weights and measures violations amounting to **\$ 30,535** in penalties.
- Administered certification tests and field certified **4** newly appointed local officials bringing the total of current certified local officials to **120**.
- Conducted training for **353** local officials in attendance for various weights and measures disciplines.
- Now contracted with **58** municipalities to provide weights and measures services.

Annual Income for FY 2009 by Function

TOTAL OF ALL INCOME FOR FY2009 \$2,596,291

License & Permits

Licensing and Displays	FEES COLLECTED	NUMBER ISSUED
Auctioneers	\$ 84,400	843
Auto Damage Repair Shops	\$ 337,050	784
Hawkers & Peddlers	\$ 92,200	1549
License Displays	\$ 3,116	1558
Transient Vendors	\$ 8,700	87
Motor Fuel & Oil	\$ 1,032,150	6,885
Antifreeze Permits	\$ 12,600	504
Totals	\$ 1,570,216	10,652

OTHER INCOME

Contract Fees Weights and Measures Services	\$ 196,875
Lab Fees	\$ 1,980
Misc. Reports	\$ 268
Civil Citations	\$ 28,277
Item Pricing Fines	\$ 798,675
Totals	\$ 1,026,075

Division of Standards Inspection Summary 2008

Devices Tested 2008	Sealed	Adjusted	Not Sealed	Condemned	Inspection Totals
Scales	3,643	40	48	109	3,800
Weights	1,383	0	23	12	1,406
Gasoline Meters	6,924	530	81	27	7,032
Oil Trucks	395	19	3	2	400
Propane Trucks	275	19	3	6	283
Totals	12,620	608	158	156	12,921
Complaints (Office & Compliance Officers Investigations)	504				504
Web Inquires & Complaints	341				341
Licensing Investigations	Licensed	Unlicensed	Stop Work Order		
Motor Fuel Sales Act	53	200	N/A		253
Auto Damage Repair Shops	13	277	61		290
Item Pricing Inspections	Inspections	Fines Issued			
Agents	2,798	\$ 589,450			2,798
DOS Inspectors	362	\$ 236,800			362
Totals	3,160	\$826,250.00			
Price Verification	Passed	Failed	Totals		
Price Verification Inspections	151	10	161		
Special Store Survey Price Verification	123	7	130		
Totals	274	17	291		582
Home Heating Deliveries	Trucks	Slips	Sealed	Unsealed	
Heating Season Surveys	254	1,926	233	21	254
Civil Citations	No. Issued	Fines			
DOS Compliance Officers	146	\$ 30,535.00			146
Special Investigations/ Surveys					
Octane Testing	1213				1213
Gasoline Pricing Survey	1310				1310
Motor Fuel Temp / Results	754				754
Special Investigations / Store Surveys	Stores Insp.	Items Checked			
Octane Survey May 2008	82	224			82
Retail Store Survey Dec 2008	85	4,651			85
Remote Scanner Checks 2008	145	1,218	Remote Scanners		1,218
Total	312	6,093			
Total Inspections 2008					22,626

LOCAL WEIGHTS AND MEASURES ANNUAL REPORT OF TEST DATA FOR 2008

2008 Sealers Devices Tested

Devices Tested	Number of Devices
Scales	23,542
Weights	10,091
Vol. Measures	199
Gasoline Meters	28,156
Vehicle Tank Meters	1,995
Bulk Storage Meters	453
Taxi Meters	6,222
Reverse Vending	906
Linear Measures	108
Misc.	455
Scanners	1,667
Total Devices	73,794

LOCAL WEIGHTS AND MEASURES ANNUAL REPORT OF FINANCIAL DATA FOR 2008

2008 Financial Totals

Sealing Fees	\$1,623,509
Adjustment Fees	\$11,101
Cost of Departments	\$3,349,677
Civil Citations	\$296,390
Salaries	\$2,432,685
Consumer Funds	\$800,725
Consumer Savings	\$17,588,347
Merchant Savings	\$11,722,279
Total Overall Savings Merchants and Consumers	\$29,310,626

Compliance Officer Field Standard Inventory & Certification Dates

(Field standards are calibrated on a five year cycle updated as of September 17, 2008)

	31 lb Test Weight Kit, 10lbs to 1/32 oz to .001 lb	Apoth & metric, 2oz AP to .5gn & 50g to 10mg	50 lb & 25 lb grip weights	5 Gallon Test Measures #1
Compliance Officer	Test No. Cal. Date	Test No. Cal. Date	Test No. Cal. Date	Serial # Test No. Cal. date
Brothers	0708-120 5/1/08	0001-318 7/6/01	0708-134 5/20/08	#00-12554-20 0708-136 5/22/08
				#00-12554-21 0708-137 5/22/08
Hansbury	0304-006 7/30/03	0405-008 7/12/04	0506-136 4/12/06	#42484-B 0708-036 1/10/08
				#42484-C 0708-037 1/10/08
Lenkowski	0304-105 6/16/04	0708-072 3/13/08	0304-065A 1/7/04	#00-12554-14 0304-106 6/21/04
				#00-12554-15 0304-107 6/21/04
Manseau	0405-010 7/26/04	0708-073 3//13/08	0405-076 12/29/04 (25lbs)	#00-12554-05 0304-117 7/1/04
			0405-077 1/4/05 (50lbs)	#00-12554-17 0304-118 7/1/04
McHardy	0304-116 6/30/04	0405-087 1/10/05	0708-124 5/15/08 (25lbs)	#00-12554-01 0506-016 8/4/05
			0405-077 1/4/05 (50lbs)	#00-12554-02 0506-017 8/4/05
Morrissey	0405-112 2/4/05	0506-023 8/17/05	0506-030 9/6/05	#05-01570 0607-083 3/21/07
				#05-01561 0607-084 3/21/07
Niemczura	0405-072 12/31/04	0708-082 3/13/08	0405-076 12/29/04 (25lbs)	#00-12554-04 0405-073 1/4/05
			0405-077 1/4/05 (50lbs)	#00-12554-13 0405-074 1/4/05
Orpen	0304-082 3/26/04	0405-097 1/19/05	0708-124 5/15/08(25lbs)	#00-12554-9 0708-052 1/24/08
				#00-12554-10 0708-053 1/24/08
Scibelli	0405-069 12/16/04	0405-096 1/19/05	0304-065A 1/7/04	#00-12554-08 0809-057 9/16/08
				#00-11436-19 0809-058 9/16/08

Field Volumetric Standards Inventory List AS OF JANUARY 1, 2008

Plate #	Prover Size & Type	Manufacture	Tested by	Date Tested Year
Trailer Mounted Oil Provers				
S 5127	100 Gallon Oil	Gassette	MA Metrology lab	9/13/06
S 2007	100 Gallon Oil	Gassette	MA Metrology lab	8/2/06
S 5323	100 Gallon Oil	Gassette	MA Metrology lab	8/2/06
S 312 J	100 Gallon Oil	Seraphin	MA Metrology lab	4/19/06
S 822 K	100 Gallon Oil	Seraphin	MA Metrology lab	4/19/06
S 750L	100 Gallon Oil	Seraphin	MA Metrology lab	8/16/06
Trailer Mounted Gasoline Provers				
S 988G	3 – 5 Gallon Gasoline	Seraphin	MA Metrology lab	4/3/2006
S313J	3 – 5 Gallon Gasoline	Seraphin	MA Metrology lab	3/31/2006
Trailer Mounted Propane Provers				
S418F	100 Gallon Propane	Arrow Tank	CT Metrology Lab	11/28/07
	25 Gallon Propane	Arrow Tank	CT Metrology Lab	11/28/07
S686G	100 Gallon Propane	Seraphin	Seraphin	6/2002
	25 Gallon Propane	Seraphin	Seraphin	6/2002
Mobile Oil & Gasoline Unit				
Motor Fuel Truck S422F	100 gallon oil	Browne Tank	MA Metrology lab	4/11/06
	3 – 5 Gallon Gasoline	Browne Tank	MA Metrology lab	5/20/08
	3 – 2 Gallon Gasoline	Browne Tank	MA Metrology lab	5/20/08

Note:

MASTER INVENTORY FY 2005						
DIVISION OF STANDARDS						
Id Number	Commodity Code	Item	Description	Est. Cost	Area	Status
COMMODITY CODE 063-00-00-0000						
S1126	063-00-00-0000	TRUCK	GMC DIESEL ENGINE WEIGHT TRUCK	\$ 100,000.00	FIELD	
00615-617	063-00-00-0000	3 PROVERS	100 GALLON PORTABLE PROVERS	\$ 12,000.00	STANDARDS LAB	
00619	063-00-00-0000	PROVER	100 GALLON LPG PROVER	\$ 10,000.00	STANDARDS LAB	
S422F	063-00-00-0000	MOBIL	GASOLINE TESTING UNIT (BROWNIE TANK)	\$ 66,900.00	FIELD	ADD FY96
			Total	\$ 188,900.00		
COMMODITY CODE 487-00-00-0000						
00167	487-00-00-0000	SETS	US BALANCE & MEASURES		OFFICE	IRREPLACEABLE
00355	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS IN WOODEN CS	\$ 150.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	SET BELL WGHTS BRASS 5000 DWT	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	CANS	5 GALLON MEASURING CANS	\$ 324.00	STANDARDS LAB	ADDFY94
	487-00-00-0000	CANS	5 GALLON MEASURING CANS	\$ 324.00	STANDARDS LAB	ADDFY94
	487-00-00-0000	CANS	5 GALLON MEASURING CANS	\$ 324.00	STANDARDS LAB	ADDFY94
00168	487-00-00-0000	SETS	IUS BALANCE& MEASURES		OFFICE	IRREPLACEABLE
00169	487-00-00-0000	SETS	US BALANCE & MEASURES		OFFICE	IRREPLACEABLE
00166	487-00-00-0000	SETS	US BALANCE & MEASURES	\$ 200,000.00	OFFICE	
00323	487-00-00-0000	CASES	GLASS & WOOD	\$ 500.00	OFFICE	
00324	487-00-00-0000	CASES	GLASS & WOOD	\$ 500.00	OFFICE	
	487-00-00-0000	29 WEIGHTS	25# WEIGHTS \$33.60 EA	\$ 974.00	STANDARDS LAB	ADDFY94
00300	487-00-00-0000	CABINET	EQUIP.IN UPRIGHT STEEL CABINET#300	\$ 1,350.00	STANDARDS LAB	
00324	487-00-00-0000	TEST MEASURE	5 GAL SERAPHIN	\$ 700.00	STANDARDS LAB	
00335-338	487-00-00-0000	TABLE	MARBLE BALANCE	\$ 4,000.00	STANDARDS LAB	
00349	487-00-00-0000	BALANCE	SARTORIUS 2405	\$ 9,000.00	STANDARDS LAB	
00368-377	487-00-00-0000	WEIGHTS	30LB TEST WGHTS RICE LAKE	\$ 2,790.00	STANDARDS LAB	
00393-396	487-00-00-0000	WEIGHTS -4	TROEMNER TROY WGHTS 50OZ-.01DWT	\$ 900.00	STANDARDS LAB	
00504-509	487-00-00-0000	CARTS	MONEY CARTS	\$ 990.00	STANDARDS LAB	
00512-514	487-00-00-0000	TRACKTEST (3)	TRACKTEST FIFTH WHEELS AND ACCES	\$ 5,000.00	STANDARDS LAB	
00517-521	487-00-00-0000	SCALE (5)	EXACT WGHT OVER-UNDER SCALE	\$ 400.00	STANDARDS LAB	
00537-538	487-00-00-0000	SCALE (2)	KTRON ELECTRONIC SCALE	\$ 3,989.50	STANDARDS LAB	
00539-540	487-00-00-0000	SCALE (2)	METTLER PACKAGING	\$ 3,753.62	STANDARDS LAB	
00323	487-00-00-0000	WEIGHTS	SET METRIC TROEMNER #42587	\$ 25,000.00	STANDARDS LAB	
00323	487-00-00-0000	WEIGHTS	SET AVOIRDUPOIS NBS#42587	\$ 25,000.00	STANDARDS LAB	
00323	487-00-00-0000	BALANCES	RUSSELL BALANCE 500#W/LIFTER RODS	\$ 6,000.00	STANDARDS LAB	
00324	487-00-00-0000	TAPE	25'/7 METER STEEL NBS TEST#14360	\$ 200.00	STANDARDS LAB	
00324	487-00-00-0000	TAPE	100'./30 METER STEEL NBS TEST #14350	\$ 500.00	STANDARDS LAB	
00324	487-00-00-0000	RULE	18 INCH STEEL NBS TEST #5439	\$ 200.00	STANDARDS LAB	

00324	487-00-00-0000	SLICKER PLATE	5 GALLON NBS TEST #4307	\$ 800.00	STANDARDS LAB	
00324	487-00-00-0000	PIPETS	SET AUTOMATIC 1 GAL NBS TEST#42394	\$ 2,500.00	STANDARDS LAB	
00324	487-00-00-0000	PIPETS	SET AUTOMATIC 5 LITER MBS#42394	\$ 2,500.00	STANDARDS LAB	
00324	487-00-00-0000	BURET	GLASS SGA #41 120- NBS TEST #43220	\$ 400.00	STANDARDS LAB	
00324	487-00-00-0000	BURET	GLASS 8 FLUID DRAMS NBS TEST #42394	\$ 400.00	STANDARDS LAB	
00324	487-00-00-0000	BURET	GLASS 50 MILLILITER NBS TEST #42394	\$ 400.00	STANDARDS LAB	
00324	487-00-00-0000	BAR	50' STEEL LENGTH BAR	\$ 10,000.00	STATE HOUSE	
00339	487-00-00-0000	CABINET	GURLEY BALANCE	\$ 400.00	STANDARDS LAB	
00340	487-00-00-0000	CABINET	50# TROEMNER BLANCE & CABINET	\$ 200.00	STANDARDS LAB	
00341	487-00-00-0000	CABINET	SEEDERER-KHOLBUSCH BAL&CABINET	\$ 400.00	STANDARDS LAB	
00342	487-00-00-0000	CABINET	11# TROEMNER BALANCE& CABINET	\$ 200.00	STANDARDS LAB	
00343	487-00-00-0000	CABINET	4OZ BECKER CHAINOMATIC BALANCE	\$ 400.00	STANDARDS LAB	
00344	487-00-00-0000	CABINET	1/2OZ TROEMNER BALANCE	\$ 600.00	STANDARDS LAB	
00345	487-00-00-0000	BALANCE	VOLAND 4050 BALANCE 30KG.	\$ 8,000.00	STANDARDS LAB	
00346	487-00-00-0000	BALANCE	VOLAND JUNITER 3000 BALANCE 3KG	\$ 6,500.00	STANDARDS LAB	
00347	487-00-00-0000	BALANCE	METTLER CB 1000 BALANCE 1KG	\$ 6,000.00	STANDARDS LAB	
00348	487-00-00-0000	BALANCE	METTLER H20 BALANCE 160GM	\$ 5,000.00	STANDARDS LAB	
00350	487-00-00-0000	COMPARATOR	METTLER PK 60 MASS	\$ 6,713.00	STANDARDS LAB	
00351	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS #351	\$ 9,363.00	STANDARDS LAB	
00352	487-00-00-0000	THERMOMETER	THERMO BATH FOR TESTING THERMO.	\$ 1,100.00	STANDARDS LAB	
00353	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS GURLEY 50LB-1/32	\$ 500.00	STANDARDS LAB	
00354	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS 4 LBS-1/16OZ	\$ 100.00	STANDARDS LAB	
00356	487-00-00-0000	WEIGHTS	METRIC WGHTS ME1-IN WOODEN CASE	\$ 17,390.00	STANDARDS LAB	
00356	487-00-00-0000	WEIGHTS	METRIC WGHTS 1KG-10KG IN CASE	\$ 200.00	STANDARDS LAB	
00357	487-00-00-0000	WEIGHTS	APOTHECARY WGHTS 11 LB TO 1SCRYSL	\$ 525.00	STANDARDS LAB	
00358	487-00-00-0000	WEIGHTS	APOTHECARY WGHTS 10GRAINS-.01GRAIN	\$ 250.00	STANDARDS LAB	
00359	487-00-00-0000	WEIGHTS	CARAT WGHTS	\$ 525.00	STANDARDS LAB	
00360	487-00-00-0000	WEIGHTS	DECAV	\$ 525.00	STANDARDS LAB	
00361	487-00-00-0000	BENCH	16'STANDARD BENCH NBS TEST#42564	\$ 1,500.00	STANDARDS LAB	
00362	487-00-00-0000	WEIGHTS	METRIC WGHTS 500MG TO 1MG	\$ 200.00	STANDARDS LAB	
00363	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS 11 LB TO 1/32OZ	\$ 150.00	STANDARDS LAB	
00364	487-00-00-0000	WEIGHTS	PENNY	\$ 50.00	STANDARDS LAB	
00365	487-00-00-0000	WEIGHTS	APOTHECARIES WGHTS 12 OZ TO 1 GRAIN	\$ 400.00	STANDARDS LAB	
00366	487-00-00-0000	WEIGHTS	BRASS WGHTS TROY 1000DWT-20DWT	\$ 500.00	STANDARDS LAB	
00367	487-00-00-0000	WEIGHTS	DECIMAL WGHTS .21LB.-.001LB	\$ 500.00	STANDARDS LAB	
00397	487-00-00-0000	CASE	WOODEN CASE IN cab#1	\$ 100.00	STANDARDS LAB	
00398	487-00-00-0000	CASE	WOODEN CASE IN CAB#1	\$ 100.00	STANDARDS LAB	
00399	487-00-00-0000	BALANCE	VOLAND POCKET BALANCE	\$ 100.00	STANDARDS LAB	
00426	487-00-00-0000	BALANCE	CHAINOMATIC	\$ 550.00	STANDARDS LAB	

00428	487-00-00-0000	BATH	KINEMATIC VISOSITY BATHS	\$ 398.00	STANDARDS LAB	
00434	487-00-00-0000	THERMOREGULATOR	FISHER&PENSKY MARTIN RC ROTOSTAT	\$ 436.00	STANDARDS LAB	
00439	487-00-00-0000	GRINDER	KWICK-WAY VALVE SEAT GRINDER ECT	\$ 200.00	STANDARDS LAB	
00463	487-00-00-0000	LADDER	8' STEP LADDER	\$ 20.00	STANDARDS LAB	
00465	487-00-00-0000	CHAIR	STEEL,EMECO	\$ 37.50	STANDARDS LAB	
00486	487-00-00-0000	KIT	FIRST AID KIT	\$ 70.00	STANDARDS LAB	
00500	487-00-00-0000	SCALE	EXACT WGHTS SCALE 20LBS.	\$ 700.00	STANDARDS LAB	
00501	487-00-00-0000	SCALE	TROEMNER APOTHECARIES SCALE	\$ 100.00	STANDARDS LAB	
00502	487-00-00-0000	SCALE	TROEMNERT APOTHECARIES #800	\$ 200.00	STANDARDS LAB	
00503	487-00-00-0000	DEVICE	MEASUREGRAPH FABRIC MEASURING	\$ 200.00	STANDARDS LAB	
00510	487-00-00-0000	MACHINE	THREAD MEASURING MACHINE HAND	\$ 25.00	STANDARDS LAB	
00511	487-00-00-0000	MACHINE	THREAD MEASURING MACHINE POWER	\$ 50.00	STANDARDS LAB	
00515	487-00-00-0000	MICROSCOPE	LENGTH BENCH MICROSCOPE	\$ 200.00	STANDARDS LAB	
00516	487-00-00-0000	MICROSCOPE	LENGTH BENCH MICROSCOPE PORTABLE	\$ 150.00	STANDARDS LAB	
00522	487-00-00-0000	THERMOMETER	CENTRIFUGE	\$ 250.00	STANDARDS LAB	
00523	487-00-00-0000	THERMOMETER	PROJECTOR READER	\$ 200.00	STANDARDS LAB	
00523	487-00-00-0000	THERMOMETER	HOLDERS	\$ 50.00	STANDARDS LAB	
00524	487-00-00-0000	GLASS	MAGNIFYING GLASS WITH LIGHT	\$ 20.00	STANDARDS LAB	
00525	487-00-00-0000	MACHINE	ICE CRUSHER	\$ 50.00	STANDARDS LAB	
00526	487-00-00-0000	THERMOMETER	ICE POINT TEST UNIT	\$ 150.00	STANDARDS LAB	
00532	487-00-00-0000	WATCH	STOP WATCH	\$ 50.00	STANDARDS LAB	
00533	487-00-00-0000	WATCH	STOP WATCH	\$ 50.00	STANDARDS LAB	
00541	487-00-00-0000	CASE	CARRYING CASES	\$ 100.00	STANDARDS LAB	
00542	487-00-00-0000	CASE	CARRYING CASES	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	APPARATUS	ANTIFREEZE FREEZING POINT	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	MICROMETER	STARETT 4"	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	CYLINDER	STARETT CYLINDER GUAGE	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	WATCHES	ELECTRIC STOP	\$ 75.00	STANDARDS LAB	
	487-00-00-0000	REFRACTOMETER	HYDRO SPY ANTIFREEZE	\$ 38.00	STANDARDS LAB	
	487-00-00-0000	TESTER	MICRONTA MULTI VOLT AND OHMS	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	WATCH	SPRING WOUND STOP WATCH	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	TAPE MACHINE	TAPE	\$ 5.00	STANDARDS LAB	
	487-00-00-0000	DIES	ALPHABET DIES	\$ 15.00	STANDARDS LAB	
	487-00-00-0000	NUMERALS	SET	\$ 10.00	STANDARDS LAB	
	487-00-00-0000	TOOLS	SCREWDRIVES,WRENCHES,PLYERS	\$ 300.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	KNOW WEIGHTS BRASS 5000 DWT	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	KNOB WEIGHTS BRASS 3000 DWT	\$ 80.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	KNOB WEIGHT BRASS 2000 DWT	\$ 60.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	BRASS WEIGHTS 50 LBS-511 LBS	\$ 350.00	STANDARDS LAB	

	487-00-00-0000	WEIGHTS-10	AVOIRDUPUIS TES WGHTS GRIP	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	BALANCES TOW PAN	ELECTRONIC TESTING DEVICES		STANDARDS LAB	
	487-00-00-0000	DEVICE	FABRIC TAPES USED FOR FABRIC DEVICE	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	THERMOMETER	AND TES EQUIPMENT		STANDARDS LAB	
	487-00-00-0000	THERMOMETER	STANDARD THERMOMETERS	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	THERMOMETER	COPPER CLAD THERM.(0-220)	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	TAPE	100 FT STEEL TAPE	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	RULER	STARRETT STEEL RULE WITH HOLDER	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	TAPE	50 FT STEEL TAPE	\$ 10.00	STANDARDS LAB	
	487-00-00-0000	CALIPERS	#79 STARRETT OUTSIDE CALIPER	\$ 30.00	STANDARDS LAB	
	487-00-00-0000	MICROMETER	#222 STARRETT MICROMETER	\$ 40.00	STANDARDS LAB	
	487-00-00-0000	MICROMETER	#223 STARRETT MICROMETER	\$ 60.00	STANDARDS LAB	
	487-00-00-0000	GAUGES	DEPTH GAUGES	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	CALIPERS	COMBINATION CALIPERS	\$ 40.00	STANDARDS LAB	
	487-00-00-0000	CALIPERS	INSIDE CALIPERS	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	TAPE	6FT STEEL TAPE	\$ 5.00	STANDARDS LAB	
	487-00-00-0000	RULER	12 INCH STEEL RULE IN CASE	\$ 5.00	STANDARDS LAB	
	487-00-00-0000	CALIPER	BROWN & SHARP #577 VERNIER	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	CALIPER	BROWN&SHARP 11 PCS SET 6MM-INCH	\$ 400.00	STANDARDS LAB	
	487-00-00-0000	MICRMETER	3 PIECE SET	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	2 GAL SERAPHIN	\$ 250.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	1 GAL SERAPHIN	\$ 200.00	STANDARDS LAB	
	487-00-00-0000	BURET	100ML	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	BURET	1 QUART AUTOMATIC ZERO BURET	\$ 90.00	STANDARDS LAB	
	487-00-00-0000	BURET	1 PINT AUTOMATIC ZERO BURET	\$ 75.00	STANDARDS LAB	
	487-00-00-0000	BURET	1/2 PINT AUTOMATIC ZERO BURET	\$ 60.00	STANDARDS LAB	
	487-00-00-0000	BURET	1 OZ MEASURING BURET	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	CYLINDER	2 FLUID	\$ 40.00	STANDARDS LAB	
	487-00-00-0000	BURET	120 MINIMS MEASUREING BURET	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	25 GALLON S/S TEST MEASURE	\$ 4,000.00	STANDARDS LAB	
	487-00-00-0000	FLASKS	SET FLASK 1 PT.,1 QT,1/2 GAL,1 GAL	\$ 1,750.00	STANDARDS LAB	
	487-00-00-0000	FLASKS	SET 4 LITER,2 LITER, 500ML,250 ML,100 ML	\$ 1,750.00	STANDARDS LAB	
	487-00-00-0000	FLASKS	2 GLASS MEASURING FLASKS	\$ 650.00	STANDARDS LAB	
	487-00-00-0000	CASE	2-FIBRE CARRY CASES	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	4-TEST MEASURES	50ML CYLINDRICAL GRADUATE 5 GAL.	\$ 1,012.50	STANDARDS LAB	
	487-00-00-0000	DRY MEASURES	1/2 BUSHEL TO 2 HALF PINT	\$ 250.00	STANDARDS LAB	
	487-00-00-0000	LIQUID MEASUE	1 GALLON TO 1 GILL	\$ 200.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	5 GALLON CONICAL TEST MEASURE	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	5 GALLON STAINLESS STEEL	\$ 336.00	STANDARDS LAB	ADD FY95

	487-00-00-0000	WEIGHTS	23 LBS	\$ 262.64	STANDARDS LAB	ADD FY95
	487-00-00-0000	TEST MEASUSRE	2 GALLON CONICAL TEST MEASURE	\$ 400.00	STANDARDS LAB	
	487-00-00-0000	BALANCE	FRAZIER-RUSSELL BALANCE 5000#	\$ 12,000.00	CONCORD	
			Total	\$ 410,795.76		
COMMODITY CODE 545-00-00-0000						
00625	545-00-00-0000	TEST UNITS	25 GAL. VOLUMETRIC PORTABLE	\$ 3,200.00	FIELD	
00626	545-00-00-0000	TEST UNIT	LPG. 100 GAL. PORTABLE TEST UNIT	\$ 7,200.00	FIELD	
00624	545-00-00-0000	TEST UNITS	100 GAL VOLUMETRIC PORTABLE	\$ 11,800.00	FIELD	
00611	545-00-00-0000	HAND TRUCK	FAIRANKS MODEL C114-6,5000LB CAPA.	\$ 100.00	FIELD	
00612	545-00-00-0000	DOLLIES	JAKES 3300,WOOD 30"X18"X5-1/2' 500lb	\$ 200.00	FIELD	
00602	545-00-00-0000	AVOIRDUPOIS	DECIMAL 0.3LB TO .001 TROEMNER 5W3	\$ 75.00	FIELD	
00603	545-00-00-0000	AVOIRDUPOIS	DECIMAL .0.3LB TO .001 LB TROEMNER 5W3	\$ 75.00	FIELD	
00605	545-00-00-0000	CRANE	HYDRAULIC SHOP CRANE MAX CAP 6000LB	\$ 1,900.00	FIELD	
00606	545-00-00-0000	CABINET	SHOP DESK LYON#2251 W/3 POINT LOCK	\$ 300.00	FIELD	
00607	545-00-00-0000	CABINET	LYON #1010 GREY 36"WIDE,21"DEEP 78"H	\$ 650.00	FIELD	
00608	545-00-00-0000	TOOL TOTER	LYON #3160 GREY 18"W,24"D,34" HIGH	\$ 150.00	FIELD	
00609	545-00-00-0000	PALLET	HAND PALLET RUCK 5000#CAP MODEL2748	\$ 450.00	FIELD	
00618	545-00-00-0000	PROVER	50 GALLON PORTABLE PROVER	\$ 3,000.00	FIELD	
00620-623	545-00-00-0000	4-CARTS	PORTABLE CARTS	\$ 925.00	FIELD	
00529	545-00-00-0000	VICE	BENCH VICE	\$ 25.00	STANDARDS LAB	
00494	545-00-00-0000	PRESS	CHIMPMUNK	\$ 50.00	STANDARDS LAB	
00528	545-00-00-0000	PRESS	DRILL PRESS	\$ 75.00	STANDARDS LAB	
00600	545-00-00-0000	TEST WEIGHT	METRIC STEEL 1KG THRU 1MG TROEMER	\$ 450.00	STANDARDS LAB	
00601	545-00-00-0000	TEST WEIGHT	1-31LB WGT 2LBS-1/16OZ TROEMNER	\$ 450.00	STANDARDS LAB	
	545 00 00 0000	TEST UNIT	OCTANE TEST UNIT (ZELTEX)	\$ 9,995.00	STANDARDS LAB/FLD	ADD FY96
00579	545-00-00-0000	TEST UNIT	OCTANE TEST UNIT (ZELTEX)	\$ 10,000.00	STANDARDS LAB/FLD	ADD FY04
	545-00-00-0000	PROVER	LPG PROVER (ARROR)	\$ 23,024.00	FIELD	ADD FY96
			Totals	\$ 74,094.00	FIELD	ADD FY96
Description of the Items in the Commodity Code	Commodity Codes			Totals		
Vehicles and Engines	063-00-00-0000			\$ 188,900.00		
Laboratory	487-00-00-0000			\$ 410,795.76		
Plant Machinery & Certain Movable Equipment	545-00-00-0000			\$ 74,094.00		
			GRAND TOTAL FOR FY 2005	\$ 673,789.76		